

ABIDZHANOV, Sokhib; BAZHITOV, I.V., inzh.-normirovshchik; KIRICHUK, A.S.;
KOKOREV, V.A.; KUZNETSOV, I.F.; PAVLOVA, M.I.; dotsent; ZHUPIKOVA,
D.M., dotsent

Consultation. Tekst. prom. 21 no.1:91-93 Ja '61. (MIRA 14:3)

1. Master lento-rovinchnogl tsekha Kokandskogo chulochuno-
pryadi'l'nogo kombinata (for Abidzhanov). 2. Fabrika imeni Lakina
(for Bazhitov). 3. Master remontno-montazhnogo otdela Barnaul'skogo
khlopchatobumazhnogo kombinata (for Kirichuk). 4. Vessoyuznyy nauchno-
issledovatel'skiy institut tekstil'nogo i legkogo mashinostroyeniya (for
Kokorev). 5. Nachal'nik tekhnicheskogo otdela Pavlov-Pokrovskoy
fabriki (for Kuznetsov). 6. Kafedra tkachestva Moskovskogo tekstil'nogo
instituta (for Pavlova, Zhupikova).
(Textile industry)

GOL'DIN, Oskar Yefimovich; DEMIRCHYAN, K.S., red.; KUZNETSOV, I.F.,
red.; ZHITNIKOVA, O.S., tekhn.red.

[Problem manual for the course "Theoretical Principles of
Electrical Engineering."] Zadachnik po kursu teoreticheskikh
osnov elektrotekhniki. Moskva, Gos.energ.isd-vo, 1960. 271 p.
(MIRA 13:11)

(Electric engineering--Problems, exercises, etc.)

NEYMAN, L.R.; ZAYTSEV, I.A., kand.tekhn.nauk; KUZNETSOV, I.F., inzh.

A method for accurate measurement of the resistance of wires
with a complex cross section. Elektrichestvo no.9:1-6
S '62. (MIRA 15:9)

1. Leningradskiy politekhnicheskii institut imeni Kalinina.
2. Chlen-korrespondent AN SSSR (for Neyman).
(Electric lines--Measurement)
(Electric resistance--Measurement)

KUZNETSOV, Ivan Filippovich, starshiy prepodavatel'

Measurement of losses in a three-phase solid current conductor. Izv. vys. ucheb. zav.; elektromekh. 6 no.12:1296-1303 '63. (MIRA 17:1)

1. Kafedra teoreticheskikh osnov elektrotekhniki Leningradskogo politekhnicheskogo instituta.

KUZNETSOV, I.F.

Improved technology for the manufacture of piston rings. Mashino-
stroitel' no.8:35 Ag '64. (MIRA 17:10)

HUZNETSOV, I. F.

1947
Engineering
Mining Machinery
Statistical Methods

PA 2/T48

2020

"Modified Statistical Method for Calculating Deterioration and Corrosion of Mining Machinery Parts,"
I. F. Huznetsov, 6 pp

"Goal" No 9 (258)

Charts and curves for the wear and corrosion of parts of mining machinery. Frequency of deterioration, in percentages, is plotted against a monthly base. Graph showing the wear on machinery with relation to the time of the year. Highest corrosion is shown for the wet months of Aug - Dec, but is very low in Jan. Data on the subject presented in the article is of great value to the operation of machinery with maximum efficiency.

KUZNETSOV, I. F.

KUZNETSOV, I. F. "Variation-static investigations of the wear of parts of mine-shaft equipment", Sbornik nauch. trudov Mosk. gornogo in-ta im. Salina, Issue 7, 1948, p. 80-91.

SO: U-4393, 19 August 53, (Letopis 'Zhurnal 'nykh Statey', No. 22, 1949).

KUZNETSOV, I.F., inzhener.

Adjustable container for gamma ray flaw detectors using radioactive
cobalt. Sudostroenie 22 no.4:37-39 Ap '56. (MIRA 9:9)
(Gamma rays--Industrial applications) (Cobalt--Isotopes)

KUZNETSOV, I.F.

Isolating local gravimagnetic anomalies by Chebyshev polynomial
expansion of an anomalous curve. Geol. i geofiz. no.6:100-104
'62. (MIRA 15:7)

1. Institut geologii i geofiziki Sibirskogo otdeleniya AN
SSSR, Novosibirsk.
(Magnetic anomalies) (Chebyshev polynomials)

KUZNETSOV, I.F.

Attachment for radial grinding of cutting tools. Mashino-
stroitel' no.6:24 Je '63. (MIRA 16:7)

(Grinding machines--Attachments)

KUZNETSOV, I.F., inah.

Measurement of the electrical parameters of multiwire steel cables
with large cross section. *Izv. vys. ucheb. zav.; energ.* 6 no.9:
7-13 S. '63. (MIRA 16:12)

1. Leningradskiy politekhnicheskii institut imeni Kalinina.
Predstavlena kafedroy teoreticheskikh osnov elektrotekhniki.

KUZNETSOV, I.F., inzh.

The institute should decide the problem. Mashinostroitel' no.11:
40 N '63. (MIRA 16:11)

1. Tiraspol'skiy mashinostroitel'nyy zavod.

RUZANE 1904 1. 6.

Def. at
Tbilisi State U.

Disertation for degree of
Doctor Geological Sciences

- Кавказская Мезо-Терра-
мез. Палео-геологический характер и
состав палео- и мезо-кавказских
1947, 200 с., ил. (Тр. мез. геол. 7-2
(7), 1944.
344. 1942, 1410
37. Азово-Черноморский бассейн
Средней Азии. Геологический очерк
и геологическая карта. (Минер.-
мет. геол. 1, 1948).
344. 1941, 56.
344. 1941, 56. Терра-Мезо-
азово-Черноморского бассейна
и его геологическая карта. (Тр. мез.
геол. 1, 1948). 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 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629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030, 1031, 1032, 1033, 1034, 1035, 1036, 1037, 1038, 1039, 1040, 1041, 1042, 1043, 1044, 1045, 1046, 1047, 1048, 1049, 1050, 1051, 1052, 1053, 1054, 1055, 1056, 1057, 1058, 1059, 1060, 1061, 1062, 1063, 1064, 1065, 1066, 1067, 1068, 1069, 1070, 1071, 1072, 1073, 1074, 1075, 1076, 1077, 1078, 1079, 1080, 1081, 1082, 1083, 1084, 1085, 1086, 1087, 1088, 1089, 1090, 1091, 1092, 1093, 1094, 1095, 1096, 1097, 1098, 1099, 1100, 1101, 1102, 1103, 1104, 1105, 1106, 1107, 1108, 1109, 1110, 1111, 1112, 1113, 1114, 1115, 1116, 1117, 1118, 1119, 1120, 1121, 1122, 1123, 1124, 1125, 1126, 1127, 1128, 1129, 1130, 1131, 1132, 1133, 1134, 1135, 1136, 1137, 1138, 1139, 1140, 1141, 1142, 1143, 1144, 1145, 1146, 1147, 1148, 1149, 1150, 1151, 1152, 1153, 1154, 1155, 1156, 1157, 1158, 1159, 1160, 1161, 1162, 1163, 1164, 1165, 1166, 1167, 1168, 1169, 1170, 1171, 1172, 1173, 1174, 1175, 1176, 1177, 1178, 1179, 1180, 1181, 1182, 1183, 1184, 1185, 1186, 1187, 1188, 1189, 1190, 1191, 1192, 1193, 1194, 1195, 1196, 1197, 1198, 1199, 1200, 1201, 1202, 1203, 1204, 1205, 1206, 1207, 1208, 1209, 1210, 1211, 1212, 1213, 1214, 1215, 1216, 1217, 1218, 1219, 1220, 1221, 1222, 1223, 1224, 1225, 1226, 1227, 1228, 1229, 1230, 1231, 1232, 1233, 1234, 1235, 1236, 1237, 1238, 1239, 1240, 1241, 1242, 1243, 1244, 1245, 1246, 1247, 1248, 1249, 1250, 1251, 1252, 1253, 1254, 1255, 1256, 1257, 1258, 1259, 1260, 1261, 1262, 1263, 1264, 1265, 1266, 1267, 1268, 1269, 1270, 1271, 1272, 1273, 1274, 1275, 1276, 1277, 1278, 1279, 1280, 1281, 1282, 1283, 1284, 1285, 1286, 1287, 1288, 1289, 1290, 1291, 1292, 1293, 1294, 1295, 1296, 1297, 1298, 1299, 1300, 1301, 1302, 1303, 1304, 1305, 1306, 1307, 1308, 1309, 1310, 1311, 1312, 1313, 1314, 1315, 1316, 1317, 1318, 1319, 1320, 1321, 1322, 1323, 1324, 1325, 1326, 1327, 1328, 1329, 1330, 1331, 1332, 1333, 1334, 1335, 1336, 1337, 1338, 1339, 1340, 1341, 1342, 1343, 1344, 1345, 1346, 1347, 1348, 1349, 1350, 1351, 1352, 1353, 1354, 1355, 1356, 1357, 1358, 1359, 1360, 1361, 1362, 1363, 1364, 1365, 1366, 1367, 1368, 1369, 1370, 1371, 1372, 1373, 1374, 1375, 1376, 1377, 1378, 1379, 1380, 1381, 1382, 1383, 1384, 1385, 1386, 1387, 1388, 1389, 1390, 1391, 1392, 1393, 1394, 1395, 1396, 1397, 1398, 1399, 1400, 1401, 1402, 1403, 1404, 1405, 1406, 1407, 1408, 1409, 1410, 1411, 1412, 1413, 1414, 1415, 1416, 1417, 1418, 1419, 1420, 1421, 1422, 1423, 1424, 1425, 1426, 1427, 1428, 1429, 1430, 1431, 1432, 1433, 1434, 1435, 1436, 1437, 1438, 1439, 1440, 1441, 1442, 1443, 1444, 1445, 1446, 1447, 1448, 1449, 1450, 1451, 1452, 1453, 1454, 1455, 1456, 1457, 1458, 1459, 1460, 1461, 1462, 1463, 1464, 1465, 1466, 1467, 1468, 1469, 1470, 1471, 1472, 1473, 1474, 1475, 1476, 1477, 1478, 1479, 1480, 1481, 1482, 1483, 1484, 1485, 1486, 1487, 1488, 1489, 1490, 1491, 1492, 1493, 1494, 1495, 1496, 1497, 1498, 1499, 1500, 1501, 1502, 1503, 1504, 1505, 1506, 1507, 1508, 1509, 1510, 1511, 1512, 1513, 1514, 1515, 1516, 1517, 1518, 1519, 1520, 1521, 1522, 1523, 1524, 1525, 1526, 1527, 1528, 1529, 1530, 1531, 1532, 1533, 1534, 1535, 1536, 1537, 1538, 1539, 1540, 1541, 1542, 1543, 1544, 1545, 1546, 1547, 1548, 1549, 1550, 1551, 1552, 1553, 1554, 1555, 1556, 1557, 1558, 1559, 1560, 1561, 1562, 1563, 1564, 1565, 1566, 1567, 1568, 1569, 1570, 1571, 1572, 1573, 1574, 1575, 1576, 1577, 1578, 1579, 1580, 1581, 1582, 1583, 1584, 1585, 1586, 1587, 1588, 1589, 1590, 1591, 1592, 1593, 1594, 1595, 1596, 1597, 1598, 1599, 1600, 1601, 1602, 1603, 1604, 1605, 1606, 1607, 1608, 1609, 1610, 1611, 1612, 1613, 1614, 1615, 1616, 1617, 1618, 1619, 1620, 1621, 1622, 1623, 1624, 1625, 1626, 1627, 1628, 1629, 1630, 1631, 1632, 1633, 1634, 1635, 1636, 1637, 1638, 1639, 1640, 1641, 1642, 1643, 1644, 1645, 1646, 1647, 1648, 1649, 1650, 1651, 1652, 1653, 1654, 1655, 1656, 1657, 1658, 1659, 1660, 1661, 1662, 1663, 1664, 1665, 1666, 1667, 1668, 1669, 1670, 1671, 1672, 1673, 1674, 1675, 1676, 1677, 1678, 1679, 1680, 1681, 1682, 1683, 1684, 1685, 1686, 1687, 1688, 1689, 1690, 1691, 1692, 1693, 1694, 1695, 1696, 1697, 1698, 1699, 1700, 1701, 1702, 1703, 1704, 1705, 1706, 1707, 1708, 1709, 1710, 1711, 1712, 1713, 1714, 1715, 1716, 1717, 1718, 1719, 1720, 1721, 1722, 1723, 1724, 1725, 1726, 1727, 1728, 1729, 1730, 1731, 1732, 1733, 1734, 1735, 1736, 1737, 1738, 1739, 1740, 1741, 1742, 1743, 1744, 1745, 1746, 1747, 1748, 1749, 1750, 1751, 1752, 1753, 1754, 1755, 1756, 1757, 1758, 1759, 1760, 1761, 1762, 1763, 1764, 1765, 1766, 1767, 1768, 1769, 1770, 1771, 1772, 1773, 1774, 1775, 1776, 1777, 1778, 1779, 1780, 1781, 1782, 1783, 1784, 1785, 1786, 1787, 1788, 1789, 1790, 1791, 1792, 1793, 1794, 1795, 1796, 1797, 1798, 1799, 1800, 1801, 1802, 1803, 1804, 1805, 1806, 1807, 1808, 1809, 1810, 1811, 1812, 1813, 1814, 1815, 1816, 1817, 1818, 1819, 1820, 1821, 1822, 1823, 1824, 1825, 1826, 1827, 1828, 1829, 1830, 1831, 1832, 1833, 1834, 1835, 1836, 1837, 1838, 1839, 1840, 1841, 1842, 1843, 1844, 1845, 1846, 1847, 1848, 1849, 1850, 1851, 1852, 1853, 1854, 1855, 1856, 1857, 1858, 1859, 1860, 1861, 1862, 1863, 1864, 1865, 1866, 1867, 1868, 1869, 1870, 1871, 1872, 1873, 1874, 1875, 1876, 1877, 1878, 1879, 1880, 1881, 1882, 1883, 1884, 1885, 1886, 1887, 1888, 1889, 1890, 1891, 1892, 1893, 1894, 1895, 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904, 1905, 1906, 1907, 1908, 1909, 1910, 1911, 1912, 1913, 1914, 1915, 1916, 1917, 1918, 1919, 1920, 1921, 1922, 1923, 1924, 1925, 1926, 1927, 1928, 1929, 1930, 1931, 1932, 1933, 1934, 1935, 1936, 1937, 1938, 1939, 1940, 1941, 1942, 1943, 1944, 1945, 1946, 1947, 1948, 1949, 1950, 1951, 1952, 1953, 1954, 1955, 1956, 1957, 1958, 1959, 1960, 1961, 1962, 1963, 1964, 1965, 1966, 1967, 1968, 1969, 1970, 1971, 1972, 1973, 1974, 1975, 1976, 1977, 1978, 1979, 1980, 1981, 1982, 1983, 1984, 1985, 1986, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167,

GORBANENKO, A.D., kand.tekhn.nauk; KUZNETSOV, I.G., inzh.; CHEKANOV, G.S.,
inzh.

Burking Doneta gas coal in shaft-mill furnaces. Elek.sta. 32
no.6:13-15 Je '61. (MIRA 14:8)
(Coal) (Furnaces)

KUZNETSOV, Ivan Grigor'evich; PANKOVA, K.I., otv. red.; TRUKHANOVA,
A.N., red.; IL'YUSHENKOVA, T.P., tekhn. red.

[Case problems in collective-farm accounting] Sbornik uprazhnenii po bukhgalterskomu uchetu v kolkhozakh; skvoznaia zadacha po planu v 29 schetov. Moskva, Gosstatizdat, 1962. 209 p.

(MIRA 16:2)

(Collective farms--Accounting--Problems, exercises, etc.)

STRIZHKOV, N. S.; KUZNETSOV, I. G.

Outstanding excavator operator. Transp. stroi. 13 no. 4:40-41
Ap '63. (MIRA 16:4)

1. Nachal'nik Abakanskoy normativno-issledovatel'skoy stantsii
Orgtransstroya (for Strizhkov). 2. Starshiy inzhener Abakanskoy
normativno-issledovatel'skoy stantsii Orgtransstroya.

(Railroads--Earthwork)

KUZNETSOV, I. I.

PA 36/49^T102

USSR/Physics
Waves, Electromagnetic
Conductors

Jan/Feb 49

"The Propagation of Electromagnetic Waves in a
Multiconductor System (Doctor's Dissertation),"
I. I. Kuznetsov, 4 pp

"Uspekhi Matemat Nauk" Vol IV, No 1 (29)

Discusses propagation of electromagnetic waves
along a semi-infinite, homogeneous conductor,
their propagation along a finite, homogeneous
line with terminal receiving-transmitting devices.
Also discusses their propagation along two semi-

36/49^T102

USSR/Physics (Contd)

Jan/Feb 49

Infinite homogeneous lines under the condition
that the close end of the first conductor is sub-
jected to unit voltage and the close end of the
second is grounded.

36/49^T102

YARUSTOVSKIY, A. A., KUZNETSOV, I. I.

Building Materials

"Arktilit" and its application. Rech. transp. 12, no. 2, March-April 1952.

9. Monthly List of Russian Accessions, Library of Congress, August 19~~77~~₅₄, Uncl.

KUZNETSOV, I.I.

AUTHOR: Dolotov, G.P.
Zhuravlev, P.A.
Kuznetsov, I.I.
~~Kogan, G.M.~~
Kondakov, Ye.:A.
Nesterenko, P.S.

SOV/94-58-11-9/28

TITLE: The Installation of a Radiation Recuperator on a Cupola
(Ustanovka radiatsionnogo rekuperatora na vagranke)

PERIODICAL: Promyshlennaya Energetika, 1958, Nr 11, p 19. (USSR)

ABSTRACT: This suggestion was awarded a fifth premium in an All-Union Power Economy competition. Hitherto little use has been made of waste heat from foundry cupolas largely because the heat exchangers become dirty very quickly and therefore inefficient. Metal radiation recuperators of simple construction have recently been used abroad for this purpose. The authors proposed the installation of radiation recuperators for heating blast air on two cupolas of 18 tons per hour upwards. A sketch of the equipment is given. The recuperator consists of two metal tubes with an annular gap of

Card 1/2

KUZNETSOV, I. [J.]

Diving operations in rapid current. Mor.1 rech.flot 13 no.7:28-29 N '53.
(MIRA 6:11)
(Diving, Submarine)

KUZNETSOV, I.I.; LEYBOVICH, N.Ye., redaktor; VINOGRADOVA, N.M., redaktor; VOLKOVA, Ye., tekhnicheskiy redaktor.

[Diver's manual; safety measures and techniques for diving and underwater work] Rukovodstvo dlia vodolaza; organizatsiia i tekhnika bezopasnosti vodolaznykh spuskov i podvodnykh rabot. Moskva, Gos. izd-vo vodnogo transporta, 1954. 182 p. (MLBA 7:11)
(Diving, Submarine)

KUZNETSOV, I., kapitan 2 ranga.

Submarine diving. Voen.znan. 31 [i.e. 32] no.4:16-17 Ap '56.

(MIRA 9:8)

(Diving, Submarine)

MAKSIMENKO, Vasil'y Pavlovich. Prinimali uchastiye: KAMENSKIY, V.K.;
SUROVIKIN, V.D., vrach-fiziolog; SHEFTEL', M.A., vrach; ZAONEGIN,
V.M., vodolaznyy spetsialist; KUZNETSOV, I.I., vodolaznyy
spetsialist; SHTORM, V.M., vodolaznyy spetsialist; IGOSHIN, M.G.,
red.; KARYAKINA, M.S., tekhn.red.

[Manual for divers engaged in rescue work] Posobie dlia vodolaza-
spasatel'ia. Moskva, Izd-vo DOSAAF, 1957. 158 p. (MIRA 13:8)
(Diving, Submarine)

KUZNETSOV, I.; MAKSIMENKO, V.

Lightweight divers. Voen. snan. 37 no. 1:11-12 Ja '61.
(MIRA 14:1)
(Diving, Submarine)

KUZNETSOV, I.; MAKSIMENKO, V.

Deep sea divers. Voen.snan. 37 no.7:19-20 J1 '61. (MIRA 14:6)
(Diving, Submarine)

KUZNETSOV, I. I.

Locks (Hydraulic Engineering)

Experience with locks. Rech. transp. 12 no. 3, 1952.

9. Monthly List of Russian Accessions, Library of Congress, August 195~~1~~₂, Uncl.

RUSSIAN, I. I.

PA 227135

USSR/Minerals - Construction Material, Jun 52
Arcillite

"A New Constructional Material for Hydrotechnical Construction" I.I. Kuznetsov, A.A. Yarusovskiy, Engineers

"Gidrotekh 1 Melio" No 6, pp 27-29

Arcillite is a multilaminar reinforced thermoresistive plastic consisting of layers of birch plywood veneer, fabrics, and metal mesh impregnated with phenol or cresol formaldehyde tar and compressed under great pressure. Arcillite is manufactured in sheets 1.2 x 4.8 meters and 1.25 x 5.2 meters, with thickness 1.5 to 50 mm; its sp wt is 227135

1,490-1,570 kg/cu m, and its yield strength is: 1,670-2,000 kg/sq cm (static bending), 2,080-2,710 kg/sq cm (compression in the pressure plane), 1,350-1,750 kg/sq cm (compression along the grain). Arcillite is now being fully used in dry construction as well as in dams, etc.

227135

98-58-6-3/21

A 22 AIE 7-20-67 f.f. -

AUTHORS: Lykoshin, A.G., and Kuznetsov, I.I., Engineers

TITLE: Experience in the Utilization of Shaft Holes in Construction Drainage (Opyt ispol'zovaniya skvazhin-shakht dlya stroitel'nogo vodootliva)

PERIODICAL: Gidrotekhnicheskoye Stroitel'stvo, 1958, Nr 6, pp 12-14 (USSR)

ABSTRACT: During the construction of the Pavlovskaya GES (Pavlovsk Hydro-Electric Power Plant) on the Ufa river, the authors devised a method of draining the water from the foundation pit by constructing a series of shaft holes, from which the infiltrating water was systematically pumped out. The boring of these 141 meters of shafts cost 1,600 rubels a meter, all expenses included. According to the initial project, 2 sumps were to be bored in the foundation pit, at the cost of 930,000 rubels. By replacing these pits by shaft-holes, important economies were achieved and the whole operation took much less time. There is 1 figure and 1 Soviet reference.

AVAILABLE: Library of Congress

Card 1/1 1. Electric power production 2. Drainage 3. Power plants-Construction

30(0),30(5)

AUTHORS: Kuznetsov, I. I., Rozhdestvenskiy, G. D. SOV/30-59-3-52/61

TITLE: Scientific Organization of Water Supply
(Nauchnaya organizatsiya vodnogo khozyaystva)

PERIODICAL: Vestnik Akademii nauk SSSR, 1959, Nr 3, pp 129-130 (USSR)

ABSTRACT: By coordinated investigations the Soviet po problemam vodnogo khozyaystva Akademii nauk SSSR (Council for Problems of Water Supply of the Academy of Sciences, USSR) contributes towards solving the problems of rational utilization of the country's water supplies. From December 11 to December 13, 1958 a coordination conference was held in Moscow which had been convened by the Soviet for the purpose of checking the results obtained by scientific work in 1958. Also plans of operation for 1959 were checked. Five lectures were delivered at plenary sessions. V. T. Turchinovich spoke about the basic trends and the tasks of coordination of scientific investigations to be carried out with respect to the regulation of water supply during the period of 1959 - 1965. I. V. Yegiazarov spoke about research work carried out in foreign countries in the field of hydraulics. The reports delivered by V. M. Makkaveyev, V. S. Knoroz, A. G. Nazaryan dealt with problems connected with processes taking place in river beds. It was stated at the conference

Card 1/2

Scientific Organization of Water Supply

SOV/30-59-3-52/61

that important research work had been carried out in various fields of hydraulics and water supply at the Academies of Sciences of the UkrSSR, the Azerbaydzhanskaya, Uzbekskaya and Kazakhskaya SSR and in the Zapadno-Sibirskiy filial Akademii nauk SSSR (West Siberian Branch of the AS USSR). Also by the Academies of Sciences of the BSSR, the Gruzinskaya, Armyanskaya SSR, as well as the Dagestanskaya Branch and at the Belorusskiy institut melioratsii i vodnogo khoz-yaystva (Belorussian Institute for Melioration and Water Supply) important work has been carried out. It was further stated that the work performed by the AS USSR and the Academies of Sciences of the Union Republics was carried out in accordance with the Seven Year Plan. For 1959 it is planned to hold a conference which is to deal with problems of the construction of reservoirs in the large rivers of the USSR. An intensification of planned research work and a reduction of the number of problems is considered to be necessary.

Card 2/2

BARKAN, Ya.D., inzh.; KUZNETSOV, I.I., inzh.

Experience in the operation of turbogenerators and hydrogenerators
with partial excitation. Elek. sta. 32 no.11:50-53 N '61.
(MIRA 14:11)

(Turbogenerators)

KUZNETSOV, I.I., starshiy nauchnyy sotrudnik

Checking and measuring devices for rod bolting. Bezop.truda v prom.
6 no.11:19-20 N '62. (MIRA 16:2)

1. TsNIGRI.

(Mine roof bolting)

KUZNETSOV, Ivan Kuz'mich, Geroy Sotsialisticheskogo Truda; KAMINSKIY, V.V., gornyy inzh., retsenzent; PYATIBRATOV, Ye.A., gornyy inzh., retsenzent; MUTOVKIN, M.I., gornyy inzh., retsenzent; SEMYNIN, A.P., gornyy inzh., retsenzent; NADION, M.F., otv.red.; ROMANOVA, L.A., red.isd-va; BOLDYREVA, Z.A., tekhn.red.

[Placer mining in permafrost conditions] Razrabotka rossypnykh mestorozhdenii v usloviakh vечноi mersloty. Moskva, Gos. nauchno-tekhn.isd-vo lit-ry po gornomu delu, 1960. 223 p.
(MIRA 14:1)

(Hydraulic mining)

(Frozen ground)

covering ice formation and its prevention are under development.

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000928120010-8

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APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000928120010-8"

84441

S/057/60/030/009/006/021
B019/B054

26.1410
AUTHOR:

Kuznetsov, I. L.

TITLE:

An Experimental Investigation of the Influence of an
Electromagnetic Field on the Flow Around a Cylinder

PERIODICAL:

Zhurnal tekhnicheskoy fiziki, 1960, Vol. 30, No. 9,
pp. 1041-1045

TEXT: The experiments reported here were carried out at the Laboratoriya aerodinamiki LPI im. M. I. Kalinina (Laboratory of Aerodynamics of the LPI imeni M. I. Kalinin) under the supervision of Professor I. L. Povkh. The experimental arrangement consisted of a conducting liquid (2% NaCl solution) into which a copper cylinder, 50 mm in diameter, was immersed. The magnetic field generated by an electromagnet lies in the direction of the copper cylinder, and is concentrated by suitable pole shoes near the surface. Fig. 2 shows the field intensity as a function of the copper cylinder radius. Two copper electrodes are arranged symmetrically to the cylinder axis at a distance of 150 mm. It can easily be seen from Fig. 1 that the Lorentz force $\vec{f} = \vec{j} \times \vec{B}$ reduces the braking effect of the liquid flowing in parallel to the electrodes on the cylinder surface if \vec{f} on the Card 1/2

84441

An Experimental Investigation of the Influence of an Electromagnetic Field on the Flow Around a Cylinder S/057/60/030/009/006/021
B019/B054

cylinder surface agrees with the direction of flow. If \vec{f} has the opposite direction, the flow is impaired. For a quantitative estimation of this effect, the experiments described were carried out in the presence and absence of the electric and magnetic fields. Figs. 1 and 3 show the measured flow velocities at a distance of 12.5 cm from the cylinder surface. The results lead to the conclusion that the magnetic field disturbs the orthogonality between equipotential surfaces and electric current lines. Further, there is an optimum distance between electrodes and cylinder, and the gas bubbles liberated by the electrolysis seem to reduce the resistance of the cylinder. Other experiments were made in which the Lorentz force coincided with the surface perpendicular of the cylinder. Also here an improvement in the flow was observed. There are 5 figures and 6 references: 4 Soviet, 1 French, and 1 Belgian.

ASSOCIATION: Leningradskiy politekhnicheskii institut im. M. I. Kalinina
(Leningrad Polytechnic Institute imeni M. I. Kalinin)

SUBMITTED: November 21, 1959

Card 2/2

BABKIN, V.S.; KUZNETSOV, I.L.; KOZACHENKO, L.S.

Effect of curvature on the rate of propagation of a laminar flame
in a poor propane-air mixture. Dokl. AN SSSR 146 no.3:625-627 S '62.
(MIRA 15:10)

1. Institut khimicheskoy kinetiki i gorennya Sibirskogo otdeleniya
AN SSSR. Predstavleno akademikom S.A.Khristianovichem.
(Flame) (Propane)

BABKIN, V.S. (Novosibirsk); KOZACHENKO, L.S. (Novosibirsk);
KUZNETSOV, I.L. (Novosibirsk)

Use of the constant-volume bomb technique in measuring flame
velocity. PMTF no. 6:128-131 N-D '63. (MIRA 17:7)

"APPROVED FOR RELEASE: 06/19/2000

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APPROVED FOR RELEASE: 06/19/2000

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CIA-RDP86-00513R000928120010-8"

L 4987-66 EPA/ENT(m)/EPF(c)/I/LRA(c), 11/24/74

ACC NR: AP5026024

SOURCE CODE: UR/0405/65/000/001/0031/0043

AUTHOR: ^{44.5}Kozachenko, L. S. (Novosibirsk); ^{44.5}Kuznetsov, I. L. (Novosibirsk)

ORG: none

TITLE: Velocity of flame propagation in the turbulent flow of a homogenous mixture

SOURCE: Nauchno-tekhnicheskiye problemy goreniya i vzryva, no. 1, 1965, 31-43

TOPIC TAGS: turbulent burning velocity, combustion, ^{11, 44.55}turbulent combustion, gas combustion

ABSTRACT: A theoretical and experimental study of turbulent combustion in homogenous gas mixtures was made to investigate discrepancies between measured data. These discrepancies are attributed to the following causes: neglect of the flow-line deviations in front of the inverse flame cone, inaccuracies in the determined turbulence characteristics, and the use of different methods for determining the flame boundary. The experiments in the present study were made with an assembly consisting of a convergent flow section, a turbulence grid, and a square combustion tube equipped with two flat quartz windows. The turbulence characteristics were measured with a hot wire anemometer capable of recording flow pulsations up to 65 kc. It was designed by the Department of Aerodynamics at the Leningrad Polytechnical Institute im. M. I. Kalinin. The experiments were made using propane-butane and hydrogen fuel. Turbulent burning velocities were measured by three different methods, and plots of the turbu-

Card 1/2

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L 4967-66

ACC NR: AP5026024

lent burning velocity vs. the fluctuating velocity were obtained. The following formula was found to correlate the experimental data with reasonable accuracy:

$$u_t = u' + \left(\frac{E-1}{\sqrt{3}} + 1 \right) u_n$$

where E is the expansion degree characterized by the density ratio of the fresh and burned gas mixtures, u_n is the normal burning velocity, u' is the fluctuating velocity, and u_t is the turbulent velocity. Orig. art. has: 6 formulas and 15 figures. [PV]

SUB CODE: FE ME/SUBM DATE: 02Nov64/ ORIG REF: 009/ OTH REF: 001/ ATD PRESS: 4/5/

CC
Card 2/2

L 40266-66 33(1)/---(m)/---(m) 33/J

ACC NR: AP6020559

SOURCE CODE: UR/0414/66/000/001/0112/0116

AUTHOR: Trokhan, A. M. (Novosibirsk); Kuznetsov, I. L. (Novosibirsk); Baranova, G. R. (Novosibirsk); Ignatenko, Yu. V. (Novosibirsk)

ORG: none

TITLE: Photoelectric method of measuring the turbulence of high-temperature flows

SOURCE: Fizika gorennya i vzryva, no. 1, 1966, 112-116

TOPIC TAGS: photoelectric method, high temperature research, flow temperature measurement, turbulent flow

ABSTRACT: A recording method is described which permits determining the amplitude spectrum of the velocity fluctuations of a turbulent flow and to find the mean flow velocity. The investigated section of the flow with tracking particles is projected by means of an optical system onto a flat screen with two parallel slits. In the case of a low-temperature flow this section is illuminated by an intense external source, whereas at a sufficiently high temperature the self-luminescence of the particles can be used. When the image of the luminous particle strikes the slit, a voltage pulse arises at the output of a photomultiplier which is then amplified and discriminated. The output pulse of the channel connected with the first slit of the screen along

Card 1/2

UDC: 536.47+532+507

L 48255-66

ACC NR: AP6020559

the flow is used to trigger the sweep of the oscillograph; the pulse of the second channel is sent to the input of the amplifier. When the image of the luminous particle strikes the second slit a bright flash appears on the screen of the oscillograph. Since the velocity of various particles in a turbulent flow is dissimilar, the bright flashes arise at various distances from the place of triggering, grouping about a point corresponding to the most powerful transit time of the particles between the slits. Photographing of the screen of the oscillograph with a long exposure (about 5 min) and subsequent photometering of the negative yields the probability density of the flashes on the screen. Hence it is easy to derive the amplitude spectrum of longitudinal velocity fluctuations of the flow. This method can be used to obtain local values of turbulence not only in cold flows and transparent flames, but also in optically opaque media. In this case a beam of fast electrons is used to irradiate the tracking particles and the x-radiation emitted by the particles upon entering the irradiated region is recorded. Recording of the transit time between two fixed points is accomplished as in the optical variant described. Orig. art. has: 4 figures.

SUB CODE: 20/ SUBM DATE: 23Nov65/ ORIG REF: 002/ OTH REF: 000

Card 2/2 *MLP*

ACC NR: AP7000649

SOURCE CODE: UR/0414/66/000/003/0129/0132

AUTHOR: Kuznetsov, I. L. (Novosibirsk); Baranova, G. R. (Novosibirsk); Ignatenko, Yu. V. (Novosibirsk); Trokhan, A. M. (Novosibirsk)

ORG: none

TITLE: Effect of combustion on turbulence level

SOURCE: Fizika gorennya i vzryva, no. 3, 1966, 129-132

TOPIC TAGS: turbulent combustion, combustion characteristic, combustion product, turbulent flow

ABSTRACT: A photoelectric method for measurement of turbulence in the inner zone of the flame and in the combustion products is described. A single-channel system was utilized with a probing beam of sufficiently small diameter (1.1 mm) to measure turbulence of small wavelengths. The experiments were conducted using sheet flame, inducing turbulence with grids of several cell sizes. It was established that gas flow without burning maintained a much lower turbulence level. Correcting for the dissipation effects, the highest turbulence level was found to be at the end of combustion and combustion products zones. Results of measured velocity fluctuations are given for a set of mixtures of propane-butane with air and hydrogen. The velocity fluctuation spectrum was found to be Gaussian, as in the case of noncombustible flow in the isothermal case.

UDC: 536.46+532.507

Card 1/2

ACC NR: AP7000649

It is clear from the level of turbulence observed in the experiments that turbulence must be taken into account to provide a complete description of the combustion process. Orig. art. has: 4 figures, 1 formula.

SUB CODE: 07,20 ~~201~~ SUBM DATE: 04Apr66/ ORIG REF: 003/ OTH REF: 001

Card 2/2

GOGALADZE, A.S.; KUZNETSOV, I.L.

Closed lesion of the lung. Vest. rent. 1 rad. 28 no.2:63-64
Mr-Ap'63. (MIRA 16:9)
(LUNGS—WOUNDS AND INJURIES)

SOV/169-59-2-1722

Translation from: Referativnyy zhurnal, Geofizika, 1959, Nr 2, p 111 (USSR)

AUTHOR: Kuznetsov, I.M.

TITLE: On the Computation of the Wind Velocity From the Gradient of Atmospheric Pressure for the Polar Stations on the Chetyrekhshtolbovoy Island and Cape Vankarem

PERIODICAL: V sb.: Probl. Arktiki. Nr 4. Leningrad, "Morsk. transport", 1958, pp 93 - 95

ABSTRACT: The dependence of the wind velocity on the gradient of pressure in the atmosphere is determined on the basis of 692 observations of the wind on the island Chetyrekhshtolbovoy and 761 observations on the Cape Vankarem. For the island Chetyrekhshtolbovoy holds the following relation:

$$v = \frac{518}{\sin \varphi} \Delta p - 3.3 \quad \text{or} \quad v = 550 \Delta p - 3.3$$

and for Cape Vankarem:

$$v = \frac{630}{\sin \varphi} \Delta p - 6.6 \quad \text{or} \quad v = 680 \Delta p - 6.6$$

Δp is the gradient of the pressure in the atmosphere (in mb/km).

Card 1/1

KUZNETSOV, I.M., kand.med.nauk

Case of wound of the heart. Kaz. med. zhur. 41 no.3:71-72 My-Je
'60. (MIRA 13:9)

1. Iz khirurgicheskogo otdeleniya (zav. - I.M. Kuznetsov)
Cheboksarskoy 1-y gorodskoy bol'nitsy (glavvrach - I.A. Kleyman).
(HEART--WOUNDS AND INJURIES)

KUZNETSOV, I.M., kand. med. nauk

Surgical aid in heart injuries under rural conditions. Kaz.
med. zhur. no.6:43-44 N-D '63.

(MIRA 17:10)

1. Glavnyy khirurg Chuvashskoy ASSR.

KIRILLOV, A.A.; KUZNETSOV, I.M.

New requirements of ice studies at polar stations. Probl. Arkt.
i Antarkt. no.12:15-19 '63. (MIRA 16:7)
(Polar regions—Ice)

KUZNETSOV, I.M., gornyy inzh.

SBMK-5 self-propelled small boring machine. Gor. zhur. no.9:49
S '61. (MIRA 16:7)

1. Chelyabinskiy nauchno-issledovatel'skiy institut gornogo dela,
Kopeysk Chelyabinskoy obl.

(Boring machinery)

ZVONOV, A.A., inzh.; KUZNETSOV, I.M., inzh.; POLYAKOV, M.P., inzh.

Practice of using new technology in boring and blasting
operations in pits of the "Magnezit" Plant. Varyv. delo
no.51/8:256-264 '63. (MIRA 16:6)

1. Chelyabinskiy nauchno-issledovatel'skiy institut gornogo
dela.

(Boring machinery) (Blasting)

CHERNORUTSKIY, G.S., kand. tekhn. nauk; TSYGANKOV, V.A., inzh.; SIBRIN, A.P., inzh.; KUZNETSOV, I.M., inzh.; GAFIYATULLIN, R.Kh., inzh.

Automatic control system of regulating the speed of rotation of the working element of the SBMK-5 boring machine. Izv. vys. ucheb. zav.; gor. zhur. 6 no.10:27-32 '63. (MIRA 17:2)

1. Chelyabinskiy politekhnicheskiy institut (for Chernorutskiy, TSygankov, Sibrin). 2. RIOGR (for Kuznetsov). 3. Sverdlovskiy gornyy institut imeni Vakhrusheva (for Gafiyatullin).

KUZNETSOV, I.M., inzh.; GAFIYATULLIN, R.Kh., inzh.

Study of boring conditions and the advantage of regulating them
during the making of blast holes using pneumatic sinker hammers.
Izv.vys.ucheb.zav.;gor.zhur. 6 no.11:102-108 '63. (MIRA 17:4)

1. Sverdlovskiy gornyy institut imeni V.V.Vakhrusheva.
Rekomendovana kafedroy avtomatizatsii proizvodstvennykh protsessov.

KUZNETSOV, I.M., inzh.; GAFIYATULLIN, R.Kh., inzh.

Optimal control of the regime of rotary percussion drilling of
blast holes. Izv.vys.ucheb.zav.:gor.zhur. 7 no. 1:174-178 '64.
(MIRA 17:5)

1. Institut RIOGR (for Kuznetsov). 2. Sverdlovskiy gornyy
institut im. V.V.Vakhrusheva (for Gafiyatullin). Rekomendovana
kafedroy avtomatizatsii proizvodstvennykh protsessov Sverdlovskogo
gornogo instituta.

KUZNETSOV, I. M.

Belen'kiy, N. G., Kuznetsov, I. M., and Yevstigneyev, S. N.

"Academician Mikhail Iudovich D'yakov (Zootechnologist) on his seventieth birthday and 45th year of scientific-scholastic and general achievement," Vestnik zhivo-novodstva, 1948, Issue 6, p. 103-10, with picture - Bibliog: "List of scholarly treatises of noteworthy scientific quality, doctor of sciences, academician of medical practice, laureate of the Stalin prize, M. I. D'yakov," p. 107-10

SO U-3264, 10 April 1953, (Letopis 'Zhurnal 'nykh Statey, No. 3, 1949)

KUZNETSOV, I. M.

All-Union Institute of Animal Husbandry , "An account of the meeting of the Scientific Council of the All-Union Institute of Animal Husbandry on the 19th and 20th of August, 1948, devoted to a summary of the meeting of the All-Union Academy of Agricultural Science imeni V. I. Lenin, according to the report of academician T. D. Lysenko "On the position of biological science" and on the measures in line with introduction of the Michurin tendency in zootechnical science (Reports of I. M. Kuznetsov, S. S. Petrov, and V. M. Yudin, discussions in line with the report and resolutions of soviet science), Vestnik shivotnovodstva, 1948, Issue 6, p. 3-102

SO: U-3264, 10 April 1953, (Letopis 'Zhurnal 'nykh Statey, No. 3, 1949)

KUZNETSOV, I. M., MASIDOV, G. A.

Feeding and Feeding Stuffs

Working out and introducing standard feed rations, Sots. zhiv., 14 No. 4, 1949

Monthly List of Russian Accessions, Library of Congress, July 1952. UNCLASSIFIED.

KUZNETSOV, Prof. I. M.

MAGIDOV, G. A.

Dairy Cattle - Feeding and Feeding Stuffs

"Method of Evaluating the Effectiveness of Standard Feed Rations and
Standardization of the Feeding of Milch Cows. Sov. zootekh. 7, No 7, 1952

SO: Monthly List of Russian Accessions, Library of Congress, September ¹⁹⁵²~~1955~~, Uncl.

1. KUZNETSOV, I. M.
2. USSR (600)
4. Stock and Stockbreeding
7. Principal results of the research work of the institute.
Trudy VIZh 20, 1952
9. Monthly Lists of Russian Accessions, Library of Congress, March 1953, Unclassified.

KUZNETSOV, I. M.

Zootechny in the struggle for the development of animal husbandry; public lecture.
Moskva, Znanie, 1954. 31 p. (Seria 5, no. 12)

KUZNETSOV, I.M., prof., red.; PODVOYSKIY, I.I., red.; ROMANOVICH, Ye.F.,
red.; GUREVICH, M.M., tekhn. red.; BALLOD, A.I., tekhn. red.

[Fundamental problems of animal breeding] Osnovnye voprosy plennogo dela. Pod red. I.M. Kuznetsova i I.I. Podvoiskogo. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1956. 334 p. (MIRA 11:10)

1. Vsesoiuznaya Akademiya sel'skokhozyaystvennykh nauk imeni V.I. Lenina. 2. Zamestitel' predsedatelya seksii zhivotnovodstva (for Kuznetsov). 3. Uchenyy sekretar' seksii zhivotnovodstva (for Podvoyskiy).

(Stock and stockbreeding)

KUZNETSOV, I. M.

USSR/General Division. Congresses. Meetings.
Conferences.

A-4

Abs Jour : Ref Zhur-Biologiya, No 20, 1957, 85089

Author : I. M. Kuznetsov and I. I. Podvoyskiy

Inst : _____

Title : Resolutions of the 37th Plenary Meeting of
the Livestock-Raising Section of the All-
Union Academy of Agricultural Sciences
imeni V. I. Lenin on Pedigree Cattle Prob-
lems, (January 23-30, 1953)

Orig Pub : M., Sel'khozgiz, 1956, 315-335

Abstract : No abstract.

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USSR/Farm Animals. Swine

Q-3

Abs Jour : Ref Zhur - Biol., No 19, 1958, No 80087

Author : Kuznetsov I.M.

Inst : -

Title : Swine Rearing in Holland

Orig Pub : Svinovodstvo, 1958, No 2, 42-45

Abstract : No abstract

Card : 1/1

KUZNETSOV, I.M., prof., doktor sel'skokhoz.nauk

Loose housing of cows in Holland. Zhivotnovodstvo 21 no.9:
85-87 S '59. (MIRA 13:1)
(Netherlands-- Dairy barns)

ACC NR: AP6015635

SOURCE CODE: UR/0413/66/000/009/0041/0042

INVENTORS: Trop, A. Ye.; Gafiyatullin, R. Kh.; Kuznetsov, I. M.

ORG: none

TITLE: A step extremum regulator with proportional control. Class 21, No. 181172

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 9, 1966, 41-42

TOPIC TAGS: automatic control system, magnetic amplifier

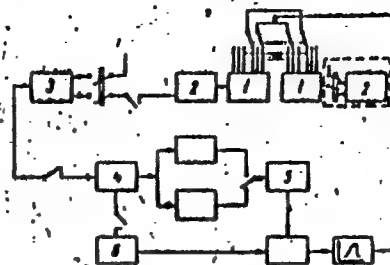
ABSTRACT: This Author Certificate presents a step extremum regulator with proportional control. The regulator includes a reference level source, a summing magnetic amplifier, a converter of a continuous quantity to a discrete quantity (C/D), the input of which is connected to a smoothing RC circuit with a time constant T_1 , a pulse accumulator, a storage and calculation device, a logic action element, and a proportional regulation device (see Fig. 1). The design makes it possible to carry out the extremum search with a variable step and with a variable period. The second summing magnetic amplifier is connected to the output of the control object and to the reference level source. The second summing magnetic amplifier is connected (through a smoothing RC circuit with a time constant T_2 which is larger than T_1) to the second C/D converter. This second C/D converter contains the output trigger with a relay. The contacts of the relay are connected to the coupling circuits between

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UDC: 621-551.42

ACC NR: AP6015635

Fig. 1. 1 - magnetic amplifiers; 2 - converters;
3 - summator; 4 - storage and calculation
device; 5 - logic action element; 6 - pro-
portional regulation device



the first converter and the accumulator, between the accumulator and the storage calculation devices, between the storage and calculation devices and the proportional regulation device. To impart a universality to the regulator with different operating conditions, switches are mounted in the input circuits of the accumulator and of the second converter. These switches connect the circuits to the minus tie line of the power supply source. Orig. art. has: 1 figure.

SUB CODE: 09/ SUBM DATE: 25Feb64

Card 2/2

"APPROVED FOR RELEASE: 06/19/2000

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1. The following information is being provided to you for your information only.

DESCRIPTION: none

ACCESSION NR: AP4024723

S/0109/64/009/003/0425/0428

AUTHOR: Kuznetsov, I. N.

TITLE: Selecting the observation time in a radar search system using statistical analysis

SOURCE: Radiotekhnika i elektronika, v. 9, no. 3, 1964, 425-428

TOPIC TAGS: radar, radar search, radar search system, radar detection, radar theory

ABSTRACT: Two radar search problems are theoretically considered. In the first problem, the probabilities of correct detection P_d and false alarm F_d in the i -th segment of the scanned sector are known, while the observation time x_i that minimizes the mean signal-search time is to be found. In the second problem, the values of P_d , x_i that maximize the mean detection probability per signal are sought, for a specified mean search time. The underlying assumption is that

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ACCESSION NR: AP4024723

the signal is slow-fluctuating as compared to the observation time x ; and fast-fluctuating as compared with the interval between two successive scannings in the same direction; the voltages obtained in the different scannings of the same direction are treated by A. Wald's statistical analysis method. Equations that describe the above problems are set up and methods for their solution are indicated. Orig. art. has: 1 figure and 19 formulas.

ASSOCIATION: none

SUBMITTED: 03Jan63

DATE ACQ: 10Apr64

ENCL: 00

SUB CODE: RA

NO REF SOV: 003

OTHER: 000

Card: 2/2

ACCESSION NR: AP4024722

S/0109/64/009/003/0418/0424

AUTHOR: Kuznetsov, I. N.

TITLE: Selecting the observation time in a radar search system with a fixed time of segment scanning

SOURCE: Radiotekhnika i elektronika, v. 9, no. 3, 1964, 418-424

TOPIC TAGS: radar, radar search, radar search system, radar detection, radar theory

ABSTRACT: Two systems of radar search are theoretically considered. Of the total specified scanning time T , time τ_i is allotted for scanning the i -th elementary segment of space: $\sum_{i=1}^m \tau_i = T$, where m is the total number of segments. The time τ_i can be subdivided into n_i equal intervals x_i , $n_i x_i = \tau_i$, $n_i > 1$, distributed in a definite fashion over the interval T . The presence or absence of a signal in an i -th segment can be sensed either on the basis of observations accumulated during τ_i (the first search system) or after each of the n_i observations (the second system). Optima of τ_i , n_i , $i = 1, \dots, m$ must be determined which

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ACCESSION NR: AP4024722

would ensure the highest detection probability per signal:

$$R = \frac{1}{k} \sum_{i=1}^m p_i P(x_i, \tau_i, F_i, q_i),$$

with a known a priori probability p_i of the signal in the i -th segment $\sum_{i=1}^m p_i = k$ and with a specified value F of the probability of one false alarm tolerated in the system over the search time T . The above problem is considered on the assumption that the data obtained from successive scanings of the same segment are statistically independent, and the mean q_i signal-to-noise ratio is constant and specified. It is found that the optimum time x_i , for the first search system, is a decreasing function of τ_i approaching $1/q_i$; and for the second system, it is independent of τ_i , when $\tau_i > x_i$. Orig. art. has: 4 figures and 22 formulas.

ASSOCIATION: none

SUBMITTED: 03Jan63

DATE ACQ: 10Apr64

ENCL: 00

SUB CODE: RA

NO REF SOV: 003

OTHER: 001

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APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000928120010-8"

ACCESSION NR: AP4017588

S/0109/64/009/002/0187/0200

AUTHOR: Kuznetsov, I. N.

TITLE: Radar search problems

SOURCE: Radiotekhnika i elektronika, v. 9, no. 2, 1964, 187-200

TOPIC TAGS: radar, radar search, radar search theory, radar search variational problem, search pulse energy, search time, false radar alarm, false radar alarm probability

ABSTRACT: B. O. Koopman's search problem of optimum distribution of limited search efforts (The Theory of Search, p. 3, Operat. Res., 1957, 5, 613) is considered. Conditions of optimum distribution are determined, in the uniform distributions class, and of optimum distribution of one or more types of efforts in the case where the detection probability is a monotonously growing function φ which is convex down in the interval $(0, \varphi_{crit})$, $\varphi_{crit} > 0$ and is

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ACCESSION NR: AP4017588

convex up at $\varphi > \varphi_{crit}$ (see Enclosure 1). Examples of the coherent detection of a slow-fluctuating signal and of a constant-amplitude unknown-phase signal are discussed. Numerical calculations were performed on the "Strela" computer by Yu. K. Lyubimov. Orig. art. has: 11 figures and 45 formulas.

ASSOCIATION: none

SUBMITTED: 19Oct62

DATE ACQ: 18Mar64

ENCL: 01

SUB CODE: RA

NO REF SOV: 001

OTHER: 002

Card 2/3

ACC NR: AP6035645

SOURCE CODE: UR/0280/66/000/005/0033/0039

AUTHOR: Kuznetsov, I. N. (Moscow)

ORG: none

TITLE: The problem of the optimum distribution of limited efforts

SOURCE: AN SSSR. Izvestiya. Tekhnicheskaya kibernetika, no. 5, 1966, 33-39

TOPIC TAGS: cybernetics, search theory, distribution theory

ABSTRACT: An algorithm is described for finding the optimum distribution $y_0(x)$ of a limited amount of effort γ over the space X where the gain function $F(y, x)$ is given. It is assumed that for any $x \in X$ the gain function can be differentiated with respect to y everywhere except at a finite number of inflection and discontinuity points. Frequently the exact values of the function $F(y, x)$ are unknown but the nature of the variation is known. In this case, the proposed algorithm makes it possible to establish qualitatively the optimum distribution of some quantity of effort. The properties of optimum distribution which are discussed in the article are useful for the solution of certain mixed problems. In particular, if the gain function has the following form

$$F(y, x) = p(x)P(y, x),$$

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ACC NR: AP6035645

and the *a priori* distribution $p(x)$ is unknown, the problem becomes one of finding the worst *a priori* distribution $p_0(x)$ and the best distribution $y_0(x)$ of efforts y_j for $p_0(x)$ when

$$R_0 = \int_x p_0(x) P(y_0, x) dx = \min_{p(x)} \max_{y(x)} \int_x p(x) P(y, x) dx.$$

This problem has been solved by Kuznetsov for the case of a convex-concave gain function. Orig. art. has: 2 figures, 27 formulas.

SUB CODE: 12/ SUBM DATE: 15Jun65/ ORIG REF: 006/ OTH REF: 004

Card 2/2

BROMBERG, R.; KUZNETSOV, I.; LEVIN, S.

Locating the resources of labor productivity by time study methods.
Biol. nauch. inform.: trud i zar. plata no.7:12-17 '59.

(ИТА 12:10)

(Iron industry—Labor productivity)

LEVIN, S.; RYZHENKO, D.; BROMBERG, R.; KUZNETSOV, I.; CHESAK, V.;
ZOLOTUKHINA, G.

Some results of the work of metallurgical plants under the new
conditions. Sots.trud 4 no.9:53-59 S '59. (MIRA 13:1)
(Steel industry--Production standards)

BONDARENKO, A.; KUZNETSOV, I.

Regulating the management of industrial enterprises. *Biul.nauch.*
inform.: trud i sar.plata no.11:14-20 '59. (*MIRA 13:5*)
(Industrial organization)

KUZNETSOV, I.

Conference of the Coordinating Council on Problems in Improving Production Management and the Mechanization of Administrative Work. Biul.nauch.inform: turd 1 zar.plata 3
no.2:36-38 '60. (MIRA 13:6)
(Factory management)

KUZNETSOV, I.

Second Plenary Conference of the Coordinating Council on Problems
of Improving Production Management and Mechanizing Administrative
work. Biul.nauch.inform.: trud i zar.plata 3 no.5:48-51
'60, (MIRA 13:8)

(Industrial management--Congresses)

(Office equipment and supplies--Congresses)

KUZNETSOV, Igor' Nikolayevich, kand. ekonom. nauk; KUZNETSOV, P.V.,
red.; PONOMAREVA, A.A., tekhn. red.

[Economic efficiency of using accounting and calculating
machines] Ekonomicheskaya effektivnost' primeneniya schetno-
vychislitel'nykh mashin. Moskva, Izd-vo ekon. lit-ry, 1961. 78 p.
(MIRA 15:2)

(Machine accounting) (Office management)

KOZLOVA, Olimpiada Vasil'yevna; KUZNETSOV, Igor' Nikolayevich; VLASOV, B.V., kand. ekon. nauk, retsenzent; SALIANSKIY, A., red. izd-va; SMIRNOVA, G.V., tekhn. red.; DEMKINA, N.F., tekhn. red.

[Improving the organization of the production administration in the machinery industry] Sovershenstvovanie organizatsii upravleniia proizvodstvom v mashinostroenii. Moskva, Mashgiz, 1962. 150 p. (MIRA 15:5)

(Machinery industry)

(Industrial management)

KUZNETSOV, I. N.

Seed Industry

Stock of quality seeds received from district seed farms, Sel. 1 sem., 19, No. 7, 1952.

9. Monthly List of Russian Accessions, Library of Congress, October 1952 ~~1953~~, Uncl.

KUZNETSOV, I. N.

"Agronomic Appraisal of the Seed Grain of Omskaya Oblast." Cand Agr Sci,
Omsk Agricultural Inst, Omsk, 1953. (RZhBiol, No 8, Dec 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher
Educational Institutions (12)
SO: Sum. No. 556, 24 Jun 55

USSR/Weeds and their Control

N

Abs Jour : Ref Zhur--Biol., No 2, 1958, 6396

Author : Kuznetsov I.

Inst : Not given

Title : Experimental Study of Weed Contamination of Seeds

Orig Pub : Zemledeliye, 1956, No 11, 54-62

Abstract : In the Seed-Control Laboratories of Omsk Oblast Studies were made in 1949-1951 of weed contamination of the seed of spring cereal crops. On the basis of knowledge of weed contamination of seed in the zonal section, suggestions may be offered on intra-oblast quarantine measures. Importation should be prohibited into the northern rayons of Omsk Oblast of any seed containing wild oats, and into the Southern-Tartar buckwheat. Purification of oat and barley seed from wild oats

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USSR/Weeds and their Control

N

Abs Jour : Ref Zhur-Biol., No 2, 1958, 6396

Abstract

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Abstract : The greatest difficulties. A large quantity of difficult-to-separate weeds is contained in millet seed. Wheat and buckwheat seed can be brought to a high degree of purity by correct cleaning. At the present time the basic type of sieves in seed-purifying machines of general use are those punctured with elongated apertures which determine the variability of the thickness of seeds of manyweeds, and the connection between their thickness and absolute weight. Tartar buckwheat, tumbleweed, vetch, pilose vetch, and narrow-leaf peas are characterized by heterogeneity of indices of thickness of seeds and by a greater degree of its variability. Such seed is difficult to separate from the seed of cultivated crops. To seed uniform in thickness and with insignificant changeability of that index belong: pigweed, hempnettle, gromwell, catchfly and vetch vicia-cracca

Card 2/2

KUZNETSOV, I.N.

Harvesting by separate stages in Omsk Province. Zemledelie 6 no.7:
69-71 JI '58. (MIRA 11:6)

1. Zaveduyushchiy sel'skokhozyaystvennym otделom Omskogo obkoma
kommunisticheskoy partii Sovetskogo Soyusa.
(Omsk Province--Grain--Harvesting)

GLINKA, M.V.; STASHEVSKIY, V.Ye.; KUZNETSOV, I.N., red.;
FEREPELITSKAYA, A.G., red.; YELAGIN, A.S., tekhn. red.

[Goals of Russia] Rubezhi Rossii. - Moskva, Sovetskaya
Rossiya, 1963. 286 p. (MIRA 16:4)
(Agriculture--Economic aspects)

KUZNETSOV, I.N., kand. sel'skokhoz. nauk

Tenth anniversary of the 1953 September Plenum of the Central Committee
of the CPSU. Zemledelie 25 no.9:3-9 S '63. (MIRA 16:9)
(Agriculture)

~~KUZNETSOV, I.P.~~; POLAK, A.F.; GRIGOR'YEVA, S.I.

Rapid construction of petroleum refineries in Bashkivia.
Prom.stroi. 38 no.6:28-29 '60. (MIRA 13:7)

1. Institut BashNIISstroy (for Grigor'yeva).
(Bashkiria--Petroleum refineries)